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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

☒ Declaration Submitted with Initial Filing      OR      ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number 43049-0012  
First Named Inventor ASHWOOD SMITH, Peter

**COMPLETE IF KNOWN**

Application Number

Filing Date

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

THE GENERALIZED VIRTUAL ROUTER

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/>		Customer Number or Bar Code Label		OR <input checked="" type="checkbox"/>		Correspondence address below.	
Name							
Address							
City				State		ZIP	
Country			Telephone			Fax	
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p>							
NAME OF SOLE OR FIRST INVENTOR :				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name Peter (first and middle [if any])				Family Name ASHWOOD SMITH or Surname			
Inventor's Signature <i>Peter Ashwood-Smith</i>						Date Jan 8 <sup>th</sup> 2004	
Hull Residence: City		QC State		Canada Country		Canadian Citizenship	
20 Des Genevriers							
Mailing Address							
Hull City		QC State		J9A 2V8 ZIP		Canada Country	
NAME OF SECOND INVENTOR:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name Hamid (first and middle [if any])				Family Name OULD-BRAHIM or Surname			
Inventor's Signature <i>Hamid</i>						Date Jan 8 <sup>th</sup> 2004	
Kanata Residence: City		ON State		Canada Country		Canadian Citizenship	
21 Wynridge Place							
Mailing Address							
Kanata City		ON State		K2H 8E9 ZIP		Canada Country	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.							



PTO/SB/02A (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
Page 3 of 3

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Bilel</b> Given Name		<b>JAMOUCSI</b> Family Name or Surname	
Inventor's Signature		Date	
<b>Nashua</b> Residence: City	<b>NH</b> State	<b>United States</b> Country	<b>U.S.</b> Citizenship
<b>7 Jared Cr.</b> Mailing Address			
Mailing Address			
<b>Nashua</b> City	<b>NH</b> State	<b>03063</b> ZIP	<b>United States</b> Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Donald</b> Given Name		<b>FEDYK</b> Family Name or Surname	
Inventor's Signature		Date	
<b>Groton</b> Residence: City	<b>MA</b> State	<b>United States</b> Country	<b>U.S.</b> Citizenship
<b>220 Haydon Rd</b> Mailing Address			
Mailing Address			
<b>Groton</b> City	<b>MA</b> State	<b>01450</b> ZIP	<b>United States</b> Country
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	ZIP	C untry

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(37 CFR 1.63)**Declaration  
Submitted  
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OR

Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

43049-0012

First Named Inventor

ASHWOOD SMITH, Peter

**COMPLETE IF KNOWN**

Application Number

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
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			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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PTO/SB/02A (10-00)

Approved for use through 10/31/2002. OMB 0851-0032


U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**DECLARATION****ADDITIONAL INVENTOR(S)**

Supplemental Sheet

Page 3 of 3

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b> Bilel		<b>Family Name or Surname</b> JAMOUCSI	
<b>Inventor's Signature</b> 		<b>Date</b> Jan 12 <sup>th</sup> 2004	
<b>Residence: City</b> Nashua	<b>State</b> NH	<b>Country</b> United States	<b>Citizenship</b> U.S.
<b>Mailing Address</b> 7 Jared Cr.			
<b>Mailing Address</b>			
<b>City</b> Nashua	<b>State</b> NH	<b>ZIP</b> 03063	<b>Country</b> United States
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b> Donald		<b>Family Name or Surname</b> FEDYK	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b> Groton	<b>State</b> MA	<b>Country</b> United States	<b>Citizenship</b> U.S.
<b>Mailing Address</b> 220 Haydon Rd			
<b>Mailing Address</b>			
<b>City</b> Groton	<b>State</b> MA	<b>ZIP</b> 01450	<b>Country</b> United States
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
<b>Given Name</b>		<b>Family Name or Surname</b>	
<b>Inventor's Signature</b>		<b>Date</b>	
<b>Residence: City</b>	<b>State</b>	<b>Country</b>	<b>Citizenship</b>
<b>Mailing Address</b>			
<b>Mailing Address</b>			
<b>City</b>	<b>State</b>	<b>ZIP</b>	<b>Country</b>

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**DECLARATION**

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Given Name <b>Bilel</b>		Family Name or Surname <b>JAMOUCSI</b>	
Inventor's Signature		Date	
Residence: City <b>Nashua</b>	State <b>NH</b>	Country <b>United States</b>	Citizenship <b>U.S.</b>
Mailing Address <b>7 Jared Cr.</b>			
Mailing Address			
City <b>Nashua</b>	State <b>NH</b>	ZIP <b>03063</b>	Country <b>United States</b>
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>Donald</b>		Family Name or Surname <b>FEDYK</b>	
Inventor's Signature <i>Donald Fedyk</i>		Date <i>Jan 12 2004</i>	
Residence: City <b>Groton</b>	State <b>MA</b>	Country <b>United States</b>	Citizenship <b>U.S.</b>
Mailing Address <b>220 Haydon Rd</b>			
Mailing Address			
City <b>Groton</b>	State <b>MA</b>	ZIP <b>01450</b>	Country <b>United States</b>
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Mailing Address			
Mailing Address			
City	State	ZIP	Country

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PATENT/DOCKET NO. \_\_\_\_\_  
CUSTOMER NO. \_\_\_\_\_

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	§	Attorney Docket No. 43049-0012
	§	
Serial No.: n/a	§	
	§	
Filed: Herewith	§	Group Art Unit: n/a
	§	
Title: THE GENERALIZED VIRTUAL ROUTER	§	Examiner: n/a

Commissioner for Patents  
Washington, D.C. 20231

POWER OF ATTORNEY FOR  
PATENT APPLICATION

Nortel Networks Limited, a Canadian corporation having principal offices at:

**2351 Boulevard Alfred-Nobel  
St. Laurent, Quebec H4S 2A9, Canada**

the owner by assignment of the entire right, title and interest to the invention for THE GENERALIZED VIRTUAL ROUTER, by ASHWOOD SMITH, Peter; OULD-BRAHIM, Hamid; FEDYK, Donald; and JAMOUCSI, Bilel, and in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

W. Charles Kent, Registration No. 26,135; and/or  
William R. Edgar, Registration No. 27,522; and/or  
Mitchell B. Charness, Registration No. 46,416;  
Adrian Zahl, Registration No. 35,774; and/or  
Timothy C. Bourne, Registration No. 53,845.

its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

Applicant: Nortel Networks Limited  
Title: GENERALIZED VIRTUAL ROUTER  
Serial No.: (unknown)  
Filed: (unknown)  
Executed: January 21, 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPOINTMENT OF ASSOCIATE AGENT**

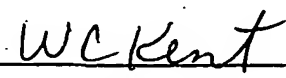
The undersigned, W. Charles Kent, Registration No. 26135, principal attorney and/or agent appointed to prosecute this application hereby appoints as his associate attorney and/or agent to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

Lindsay McGuinness, (Registration No. 38549)

Mary Steubing, (Registration No. 37946)

of Steubing McGuinness & Manaras L.L.P. 30 Nagog Park, Acton, MA, 01720, United States of America.

Address all telephone calls to Ms. Lindsay McGuinness at (978) 264-6664 x304 and address all correspondence to Steubing McGuinness & Manaras L.L.P. at the above-captioned address.

  
\_\_\_\_\_  
W. Charles Kent

**BEST AVAILABLE COPY**



Please address all correspondence and telephone calls regarding this application to:

Mr. W. Charles Kent, of RIDOUT & MAYBEE LLP, whose full office address is 150 Metcalfe Street, 19<sup>th</sup> Floor, Ottawa, Ontario K2P 1P1, Canada,  
Telephone No: (613) 236-1995.

---

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

NORTEL NETWORKS LIMITED

23 Dec 2003  
Date

Name: 

DIRECTOR, IP  
Title